

# Rune Brincker

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

482  
citations

1478505

6  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expansion of experimental mode shape from operational modal analysis and virtual sensing for fatigue analysis using the modal expansion method. <i>International Journal of Fatigue</i> , 2020, 130, 105280.	5.7	43
2	Experimental study of strain prediction on wave induced structures using modal decomposition and quasi static Ritz vectors. <i>Engineering Structures</i> , 2017, 136, 261-276.	5.3	25
3	Modal Mass and Length of Mode Shapes in Structural Dynamics. <i>Shock and Vibration</i> , 2020, 2020, 1-16.	0.6	16
4	Full-field strain estimation of subsystems within time-varying and nonlinear systems using modal expansion. <i>Mechanical Systems and Signal Processing</i> , 2021, 153, 107505.	8.0	9
5	Fatigue Stress Estimation of an Offshore Jacket Structure Based on Operational Modal Analysis. <i>Shock and Vibration</i> , 2020, 2020, 1-12.	0.6	7
6	Data-driven virtual sensing and dynamic strain estimation for fatigue analysis of offshore wind turbine using principal component analysis. <i>Wind Energy</i> , 2022, 25, 505-516.	4.2	7
7	Modal participation in multiple input Ibrahim time domain identification. <i>Mathematics and Mechanics of Solids</i> , 2019, 24, 168-180.	2.4	5
8	A New Maximum Likelihood Estimator Formulated in Pole-Residue Modal Model. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3120.	2.5	4
9	Corrigendum to "Modal Mass and Length of Mode Shapes in Structural Dynamics". <i>Shock and Vibration</i> , 2021, 2021, 1-16.	0.6	2
10	Structural Damage Detection of Offshore Structures Using Kalman Filtering. <i>Lecture Notes in Civil Engineering</i> , 2023, , 1044-1054.	0.4	1
11	Conditional linear approximation of nonlinear systems using Operational Modal Analysis. <i>Structural Control and Health Monitoring</i> , 2021, 28, e2844.	4.0	0
12	Comparing Measured Responses of an Offshore Structure with Operational Modal Analysis assisted Classical Model Approach. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 0, , 1-10.	1.2	0